

L33 ANSWER 17 OF 22 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1995:878973 CAPLUS

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TITLE: Preparation of trifluoromethyl steroids as postcoital contraceptives

INVENTOR(S): Wang, Zhongqi; Ruan, Benfang

PATENT ASSIGNEE(S): Shanghai Institute of Organic Chemistry, Chinese Academy of Sciences, Peop. Rep. China

SOURCE: Faming Zhuanli Shenqing Gongkai Shuomingshu, 17 pp.
CODEN: CNXXEV

DOCUMENT TYPE: Patent

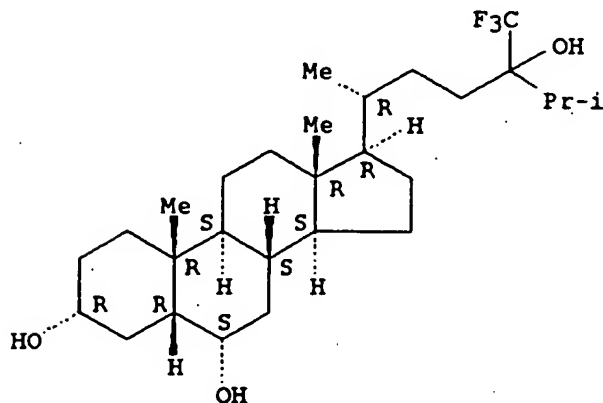
LANGUAGE: Chinese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	CN 1100729	A	19950329	CN 1993-112563	19930920
	CN 1055929	B	20000830		
AB	Title compds. 1 [R ¹ = H, Me; R ² = acetoxy, OH, CO ₂ H, H; R ³ = H, acetoxy, OH; R ⁴ = CF ₃ , trifluorohydroxyalkyl; there may be double bonds in rings A or/and B] are prepd. Thus, 3.beta.-acetoxyandrost-5-en-17-one in THF contg. Me ₄ NF was treated with CF ₃ SiMe ₃ at room temp. for 3 h to give 83% 3.beta.-acetoxy-17.alpha.-(trifluoromethyl)androst-5-en-17.beta.-ol. In a study using 6-days female rats, 17.alpha.-(trifluoromethyl)estra-1,3,5(10)-triene-3,17.beta.-diol (also prepd.) at 10 mg/Kg p.o. effected bleeding the day following the administration.				
IT	161225-97-4P RL: BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) (prepn. of fluoromethyl steroids as postcoital contraceptives)				
RN	161225-97-4 CAPLUS				
CN	Ergostane-3,6,24-triol, 28,28,28-trifluoro-, (3.alpha.,5.beta.,6.alpha.,24.xi.)- (9CI) (CA INDEX NAME)				

Absolute stereochemistry.



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